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This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1) 06/29/2004 7590 26111 STERNE, KESSLER, GOLDSTEIN & FOX PLLC Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below. 1100 NEW YORK AVENUE, N.W. : WASHINGTON, DC 20005 (Depositor's name) (Signature) (Date) CONFIRMATION NO. ATTORNEY DOCKET NO. FIRST NAMED INVENTOR FILING DATE APPLICATION NO. 9380 1857.1040003 Andrew W. McCullough 09/23/2003 10/667,387 TITLE OF INVENTION: ILLUMINATION SYSTEM WITH SPATIALLY CONTROLLABLE PARTIAL COHERENCE COMPENSATION FOR LINE WIDTH VARIANCES IN A PHOTOLITHOGRAPHIC SYSTEM DATE DUE TOTAL FEE(S) DUE **PUBLICATION FEE ISSUE FEE** APPLN. TYPE SMALL ENTITY 09/29/2004 \$1630 \$300 \$1330 NO nonprovisional **CLASS-SUBCLASS ART UNIT EXAMINER** 355-053000 2851 MATHEWS, ALAN A 2. For printing on the patent front page, list (1) the 1. Change of correspondence address or indication of "Fee Address" (37 1 Sterne, Kessler, Goldstein names of up to 3 registered patent attorneys or CFR 1.363). agents OR, alternatively, (2) the name of a single & Fox P.L.L.C ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name □ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer will be printed. Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) (A) NAME OF ASSIGNEE Veldhoven, The Netherlands ASML Holding N.V. individual Corporation or other private group entity Government Please check the appropriate assignee category or categories (will not be printed on the patent); 4b. Payment of Fee(s): 4a. The following fee(s) are enclosed: ☐ A check in the amount of the fee(s) is enclosed. / 🖾 Issue Fee 2 Payment by credit card. Form PTO-2038 is attached. 2 Publication Fee ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Advance Order - # of Copies] __ (enclose an extra copy of this form). Deposit Account Number Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. (Authorized Signature) Jason D. Eisenberg/Reg. No. 43.447 09/24/2004 RFEKADU2 00000111 10667387 NOTE; The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. 01 FC:1501 1330.00 OP This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450. 300.00 OP 3.00 OP Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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EE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

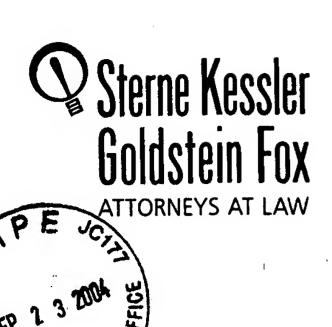
1633.00 TOTAL AMOUNT OF PAYMENT

Filing Date September 23, 2003 First Named Inventor Andrew W. McCullough Examiner Name Alan A. Mathews			
Application Number	10/667,387		
Filing Date	September 23, 2003		
First Named Inventor	Andrew W. McCullough		
Examiner Name	Alan A. Mathews		
Art Unit	2851		
Attorney Docket No.	1857.1040003		

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)			
Check X Credit card Money Order None	3. ADDITIONAL FEES			
	Large Entity Small Entity			
X *Charge any deficiencies or credit any overpayments in Deposit Account: the fees to Deposit Acct. No. 19-0036.		امند		
Deposit Account 19-0036	Code (\$) Code (\$) 1051 130 2051 65 Surcharge - late filing fee or oath	alu		
Number Deposit	1052 50 2052 25 Surcharge - late provisional filing fee or			
Account Sterne, Kessler, Goldstein & Fox P.L.L.C.	cover sheet			
The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification 1812 2,520 1812 2,520 For filing a request for ex parte reexamination			
Charge fee(s) indicated below Credit any overpayments	1804 920* 1804 920* Requesting publication of SIR prior to			
Charge any additional fee(s) or any underpayment of fee(s)	Examiner action			
Charge fee(s) indicated below, except for the filing fee	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action			
to the above-identified deposit account.	1251 110 2251 55 Extension for reply within first month			
FEE CALCULATION	1252 420 2252 210 Extension for reply within second month	\dashv		
1. BASIC FILING FEE Large Entity Small Entity	1253 950 2253 475 Extension for reply within third month			
Fee Fee Fee Fee Description Fee Paid	1254 1,480 2254 740 Extension for reply within fourth month			
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee	1255 2,010 2255 1,005 Extension for reply within fifth month	\dashv		
1001 770 2001 385 Utility filing fee 1002 340 2002 170 Design filing fee	1401 330 2401 165 Notice of Appeal			
1002 540 2002 170 Bodgi limits to 1003 530 2003 265 Plant filing fee	1402 330 2402 165 Filing a brief in support of an appeal			
1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing	\dashv		
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding	\dashv		
SUBTOTAL (1) (\$)	1452 110 2452 55 Petition to revive - unavoidable			
	1453 1,330 2453 665 Petition to revive - unintentional	000		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSU	1501 1,330 2501 665 Stillty Issue lee (of Telasue)	0.00		
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Total Claims X X I I I I I I I I I I I I I I I I I	1503 640 2503 320 Plant issue fee			
Claims Multiple Dependent A **= X = X =	1460 130 1460 130 Petitions to the Commissioner	$\neg \neg$		
	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)			
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806 180 1806 180 Submission of Information Disclosure Stmt Recording each patent assignment per			
Code (\$) Code (\$)	property (times number of properties)			
1202 18 2202 9 Claims in excess of 20	1809 770 2809 385 Filing a submission after final rejection (37 CFR 1.129(a))			
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid				
and the Delegan independent claims	examined (37 CFR 1.129(b))			
1204 86 2204 43 ** Reissue independent claims over original patent	1801 770 2801 385 Request for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application			
<u> </u>	Other ree (specify) 1 hr. rec 500.00// turners	3.00		
SUBTOTAL (2) (\$)	*Reduced by Basic Filing Fee Paid SURTOTAL (3) (6) 163	33.00		
""or number previously paid, if greater, For Reissues, see above "" (Complete (if applicable))				
SUBMITTED BY Registration No. A3 447 Telephone (202)/371-2600				

43,447 Name (Print/Type) Jason D. Eisenber@ (Attorney/Agent) Date Signature WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Jyoti C. lyer* Laura A. Vogel Registered Patent Agents • Karen R. Markowicz Nancy J. Leith Matthew J. Dowd Aaron L. Schwartz Katrina Yujian Pei Quach Bryan L. Skelton Robert A. Schwartzman Teresa A. Colella Jeffrey S. Lundgren Victoria S. Rutherford Michelle K. Holoubek Robert H. DeSelms Simon J. Elliott

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Of Counsel Kenneth C. Bass III Evan R. Smith Marvin C. Guthrie

*Admitted only in Maryland *Admitted only in Virginia Practice Limited to Federal Agencies

September 23, 2004

Writer's Direct Number: (202) 772-8645 INTERNET ADDRESS: JASONE@SKGF.COM

Mail Stop Issue Fee

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Re:

Allowed U.S. Utility Patent Application

Appl. No. 10/667,387; Filed: September 23, 2003

Illumination System With Spatially Controllable Partial Coherence For:

Compensation For Line Width Variances in a Photolithographic

System

Inventors:

McCullough et al.

Our Ref:

1857.1040003

Sir:

In response to the Notice of Allowance and Issue Fee Due dated June 29, 2004, the following documents are forwarded for appropriate action by the U.S. Patent and Trademark Office:

- Issue Fee Transmittal (Form PTOL-85B);
- Fee Transmittal (Form PTO/SB/17); 2.
- Return postcard; and 3.
- PTO-2038 Credit Card Payment Form for \$1,633.00 to cover: 4. \$1,330.00 Issue Fee; \$3.00 Advance copies of patent; and \$300.00 Publication Fee.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. If extensions of time under 37 C.F.R. § 1.136 other than those otherwise provided for herewith are required to prevent

Sterne, Kessler, Goldstein & Fox PLLC.: 1100 New York Avenue, NW: Washington, DC 20005: 202.371.2600 f 202.371.2540: www.skgf.com

Commissioner for Patents September 23, 2004 Page 2

abandonment of the present patent application, then such extensions of time are hereby petitioned, and any fees therefor are hereby authorized to be charged to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jason D. Eisenberg

Attorney for Applicants

Registration No. 43,447

JDE/lvt Enclosures

314398_1.DOC